

Dryden Monday Management Meeting (DM3)
August 8, 2011

X/Director — David McBride

- David will be a special guest speaker at the International Test and Evaluation Association, Wednesday, August 10, 2011 at 11:30 at Club Muroc. POCs: Ms. Sean Dobbin 277-0368.
- The Dryden Colloquium Series presents, Fred Haise “Remembrances of my best flying days at FRC, Thursday, August 11 at 1:00 p.m. in the ISF.
- The Center Director’s Forum will be held at Dryden on August 16, 2011 from 10:00 to 11:30 in the ISF.
- NASA Honor Awards Ceremony will be held on August 16, 2011, at 2:00 p.m. in the ISF.

X/Director, Dryden Aircraft Operations Facility (DAOF) — Steve Schmidt
General

- DAOF activities are dynamic – be vigilant and practice situational awareness when working or visiting the facility
- The DAOF Safety Video is available on the Xnet for employees to view.
- B-703 evacuation assembly point is the trailer located in the southwest parking lot
- Orientation and individual safety briefings are available for new and or reassigned employees to the DAOF. Contact Ralph Anton, Etasha Arnold, or Sandy Meske

Construction (for the week of Aug 1-5)

- HIL occupancy continues to wait on fire alarm design approval and testing by L.A. County Fire Department
- Construction on Cryogenic Storage unit is expected to begin Aug 9

Facility Engineering Support

- Delivery of third fuel tank for fuel farm is expected by Aug 15
- Mirror Coating Facility ORR kick-off meeting is scheduled to begin Aug 4
- Facility Engineering is developing a preliminary Facility Requirements Document (FRD) for Airborne Science Lab modifications
- Facility Engineering has received the 100% design submittal from the Architect & Engineering firm for construction of a ventilation system in B-716
- Facility Engineering has received the 100% design submittal from the Architect & Engineering for construction for Hazmat Storage

Flight Operations

- Attended Work Order working group meeting
- Conducted overhead crane assessment

Safety, Health and Environmental Coordination

- Conducted Cryogenics Safety Training
- Responded to fire alarm/evacuation caused by LAWA activity in Building 704
- Coordinated with Fire Warden Coordinator regarding personnel accountability process
- Verified closure of four facility inspection findings and updated tracking system
- Reviewed Environmental Safety and Health Plan for DAOF science instrument labs
- Participated in the Mirror Coating Facility ORR Kickoff Meeting

- Inspected the fuel ramp area – no violations
- Reviewed dig permit and Activity Hazard Analysis for cryogen storage sheds

Information Technology

- Made three cat-5e patch cables to support SOFIA
- Installed badge reader cables in the Mirror Coating Facility
- VoIP phone factory reset due to registration mis-configuration.

Other

- Aug 2-3 – Mojave Desert Climate Change Adaptation Workshop at DAOF
- Aug 8 – Lt. Col Ronald E. Cleave Commander, ASC Det 1 (AF Plant 42) retirement ceremony at Site 9 B-704

XM/Associate Director for Mission Support — Gwen Young

- Thanks to Dr. Tom Mace and team for leading the Center's Climate Change Adaptation Workshop last week at the DAOF. The 1 1/2-day event involved nearly 40 participants from DFRC, ARC, AFFTC, USGS, scientists from academia and the Desert Research Institute, and local NGOs. They developed an assessment of the major climate issues in the Antelope Valley as well as recommendations to both mitigate and adapt to the predicted scenarios due to climate change. The results of the workshop will be released by the fall.
- The Center's Sustainability Working Group held its first meeting last week; the members are from Codes A (Brian Bowman for Affirmative Acquisition), F (Dan Crowley, John Torres, Gemma Flores and Teasha Smalling for Maint & Ops, Design & Construction, Fleet Mgt, Resources Mgt), MI (Pat Harrington for Data Centers), PS (Dr. Tom Mace for Climate Change Impacts & Adaptation), SH (Jennifer Martin for Resources Mgt, Recycling, Greenhouse Gas Mgt) and T (Kevin Rohrer for Public Affairs Support). We reviewed the current sustainability activities in each area and will collectively implement selected activities to help us better manage the resources we have at DFRC ³...to enable a future where the environment and living conditions are protected and enhanced² (from the Agency's 2011 Strategic Sustainability Performance Plan).

Exchange Council — Roberta Sherrard

Save the Date:

Thursday, December 8, Children's Holiday Party

Friday, December 9, Dryden Holiday Party

Mark your calendar:

Saturday, August 13, Aerospace Appreciation Night - Lancaster JetHawks vs. the San Jose Giants

Take me out to the ballpark! The bobble head giveaway is Fred Haise, member of the Apollo 13 mission. A BBQ event will be before the game at 5:15.

Saturday, October 1, Six Flags Private Party, 6 P.M. to Midnight – This special Six Flags

Magic Mountain event is closed to the public. Only 6000 tickets will be sold. You can purchase your tickets at the DAOF & DFRC gift shop. Tickets for \$24.99 each include admission only. Ticket for \$34.99 each includes admission plus all-you-can-eat buffet meal (cheeseburgers, hot dogs with chili, baked beans, tossed green salad, twin pops and unlimited soft drinks.

Free parking after 5 P.M. - \$5.00 service charge per order - Children 2 and under free
NOTE: (season tickets not honored at this event, no ticket sales at the gate, does not include Hurricane Harbor)

Peer awards October 27 - Check out the link on Xnet home page – Nominations Now Open

Nomination Close: 8/10/11

Awards Presented: 10/27/11

“Picture This” Contest theme for August is “Portrait” – Place a photograph on the display board in the entrance to the Dryden Gift Shop. Entry deadline: August 26, 2011
<http://xnet.dfrc.nasa.gov/EmployeeInfo/Exchange/council.html>

Other Items of Interest:

Dryden & DAOF Gift Shop Sale, Aug 8 – Aug 12, 20% off Dryden seat cushions

Employee Discount Providers - Please check the Employee Discounts

<http://xnet.dfrc.nasa.gov/EmployeeInfo/Exchange/discounts.html> for a current list of businesses offering discounts to Dryden employees.

S/Safety and Mission Assurance — Vince Chacon

LAST WEEK:

- Summary of Incidents during 8/1/2011 thru 8/5/2011

There were no injuries and no incidents reported this week.

OTHER:

- Training – Lead Awareness Training, August 9, 2011, 12:00 p.m. to 2:00 p.m. in Large Mezz

• Quality and Safety Achievement Recognition (QASAR) Awards: Request for Nominations
Nominations for the QASAR Award which promotes quality, safety, leadership, productivity, performance, teamwork, and improvement throughout NASA. Information regarding the QASAR categories, requirements, and timeline is available on the Xnet. Additional questions may be directed to Miriam Rodon at extension 3647.

- Aviation Quarterly Safety Meeting is scheduled for September 12 in the ISF, 2:00 p.m. to 3:30 p.m. This is a combined aircrew and maintenance session.

• Off-road Bicycle Riding: Forbidden on Edwards Air Force Base **unless** you have had the **required training**. Security police can and do, issue citations to riders riding off-road unless they are on a designated off-road trail and carry a card indicating they have had the training. To get the card, log into SATERN, click on the "Catalog" tab at the top of the page, type "off-road" into the Search box, and add the training to your learning plan. Once you have successfully completed the training, email your certificate to dara.l.english@nasa.gov; your training card will soon thereafter be sent to you. Happy riding!

• Migratory Birds: Bird-nesting season has begun. The Migratory Bird Treaty Act prevents anyone from disturbing an active bird nest (nest with eggs, unfledged birds, or adult birds observed in the nest). If an active bird nest is present and cannot be avoided during work activities, please contact [Dara English](#) at ext. 3863 immediately. **Do not** remove or disturb the nest yourself.

● Kudos

Congratulations to Safety Star recipient:

○ Gray Creech, Code T, for keeping children on tour safe from a delivery truck that zoomed by the backside of the cafeteria. Thanks to Curtis Peebles for Paying it Forward!

○ Kathleen Walter, Code X, for speaking to co-ops on the importance of adhering to posted speed limits in the visitor parking lot.

F/ Office of Facilities Eng. & Asset Mgmt. — Dan Crowley

LAST WEEK:

- B4800 Chiller #2 - repairs began on Thursday, August 04, 2011, continuing to identify leaks. POC Dan Eason x2078
- B4853 Fire Pump #2 – drive coupling sheared while performing a Preventive Maintenance Test Run of the pump. Inspection, assessment of the pump revealed the pump should be replaced. Only 1 of 4 pumps is reliable
- B4801, MSO Office – Responded to room temperature too hot call, found chilled water actuator faulty, temporarily opened chilled water valve manually to provide cooling. The replacement actuator is on order
- B703 Handicap Parking Spaces striping and stenciling in progress, to be completed today
- B4800 Passenger Elevator circuit breaker was reset and the elevator was returned to service
- B703 Fire Alarm was activated by pulsations in the fire main and fire risers when the Air Force Plant 42 fire trucks filled from the fire hydrants at site 9
- B4840 - O&M Contractor consulted Code F, Code A and Code SH Representatives to draft a response letter to Cal OSHA regarding the inoperative Refrigerant Detection Monitor & Alarm System. The O&M Contractor sent the letter to Cal OSHA on Wednesday, August 3, 2011
- Conducted site walk and meeting to start disposition of Shuttle assets on August 4, 2011
- B4802 400Hz Aircraft Power Room air conditioning unit restored with air conditioning (Bard) unit from T-17 in the A area
- **After Hour Responses and Weekend Callouts:**
 - B4820 Chilled Water System – Saturday August 6, 2011. Make-up water piping plugged. Problem corrected and system returned to service

THIS WEEK:

- **Outages and Closures:**
 - B4840 - Fire Alarm Outage is scheduled for August 15-16, 2011 from 7:00am – 1:00pm to connect and program new fire alarm components of new rooftop fire suppression. Outage #1093. POC Troy Spiger x3491
- **Major Facility Projects:**
 - **FY08 – CoF – B703 - Construct Mirror Coating Facility (MCF): POC Jin Oh x7460**
 - Closeout of Construct MCF is pending the Operating Readiness Review (ORR) of the Mirror Coater Move. New configuration adjustments will be started in August after 90 days has passed from substantial completion

- **FY09 – CoF – Construct Consolidated IT Center (CITC): POC Gemma Flores x2817**
 - B4838 Lobby Area – New construction continues
 - Landscaping in progress - placing weed control matting and very bright white decorative rock
 - Clean up continuing
 - Air Balancing continuing
 - Elevator Modifications in DAF continuing
 - Closeout Pending Operating Readiness Review (ORR)
- **FY10 – CoF Replace Sub 16 – Electrical Distribution System (EDS) Phase 6 of 8: POC Andrew Boykin x2340**
 - Ground wiring installation continues
 - Hot works required for exothermic grounding
 - Substation 11 demolition / earthwork continues
- **FY10 – CoF – Repair B4820 1st and 2nd Floor: POC Mark Nelson x7090**
 - Rough electrical and fire alarm conduit/wiring on second floor continues
 - HVAC ductwork installation
 - Drywall installation continues this week
 - Power cables between power control cabinet locations and patch panels are being installed this week
- **FY11 – CoF – Repair Sewer System: POC Troy Spiger x3491**
 - 100% Submittal received and routed for signature.
 - Entire procurement package delivered to Code A with award targeted for August 15, 2011
- **FY11 – CoF – Repair Flight line Access Roads and Access Ramps, Phase 1 of 2: POC Vicki Gray x5116**
 - Invitation for Bid released. Contract Award scheduled for August 31, 2011
- **FY11 – CoF – RBR Facility Support Center: POC Gemma Flores x2817**
 - Working with Code A to award
 - Job-walk is scheduled for August 10, 2011
 - The Pre-Solicitation Notice has been posted on the Federal Business Opportunity Website
- **FY11 – CoF – Repair Aircraft Hangar Aircraft Support Facilities: POC Jin Oh x7460**
 - Acquisition in progress with award targeted for August 15, 2011
- **FY12 – SII – Photovoltaic Solar Project: POC Vicki Gray x5116**
 - Final submittal documents have been received and are under review
- **FY12 – CoF – Repair Center wide Fire Mains: POC Troy Spiger x3491**
 - Final submittal documents have been received and are under review

- **FY 12 – CoF – Repair Primary Electrical Distribution System (EDS) Phase 7 of 8: Andrew Boykin x2340**
 - Final 100% design received
 - Package development in progress
- **FY 12 – CoF – Repair Flightline Access Roads and Access Ramps, Phase 2 of 2: POC Vicki Gray x5116**
 - Final Submittal documents have been received and are under review
- **FY 13 – CoF – Repair Primary Electrical Distribution System (EDS) Phase 8 of 8: Andrew Boykin x2340**
 - Draft Facility Requirements Document in progress with initial Project Definition Rating Index (PDRI) meeting tentatively scheduled for 25 August, 2011
- **FY 13 – B4800 Revitalize Mission Control Infrastructure: POC Jin Oh x7460**
 - Initial planning and requirements gathering in progress
- **Elevated Work:**
 - B703 South Hangar Fire Wall repairs. POC Ted Powers x3974
- **Excavation & Digging:**
 - B703 South Parking area starting excavation for Cryogenics Storage Facility. POC Nick Letourneau x3609
- **Small Projects:**
 - B4800 & B4820 Technical Evaluation of the proposal to replace the Variable Frequency Drives on the HVAC Fans was completed and sent to Code A. POC Dan Eason x2078
 - B4840 Replace refrigerant sensors on the monitoring and alarm systems. POC Dan Eason x2078
 - B4982 Repair ATF Chiller. Project underway, received facility occupant's concurrence on construction schedule. Placing concrete this week. POC Jin Oh x7460
 - B4840 Demark 3 (reference CCR 411) installation of disconnects scheduled this week – project completion by COB today. POC Mike Monahan x3772
 - B4840 Global Hawk Rooftop Enclosure Fire Suppression System installation continues. POC Troy Spiger x3491
 - Center-wide –Perform Corrective Activities on Fuel Tanks. Package is complete and will be delivered to Code A this week. DR354. POC Troy Spiger x3491
 - Sub 13, HM12 Grounding – Contractor's proposal was received on Wednesday, July 27. Technical Evaluation complete and returned to Code A. DR# 393. POC Wil Noffsinger x2650
 - B4802 Hangar Lighting (to correct exploding light bulbs) – Contract has been awarded. Job walk is scheduled for Tuesday August 9, 2011. DR# 235. POC Wil Noffsinger x2650
 - Substation Signage – Package was delivered to Code A, DR#398. POC Wil Noffsinger x2650
 - B703 – Five ton Portable Air Conditioning Unit Project, delivery and installation scheduled for later this month. POC Jin Oh x7460
 - B703 Multi-Purpose Lab Project – Awaiting L.A. County Fire Alarm Plan approval. POC Jin Oh x7460

- B703 Hangar Door Repair Project – Proposal received and under negotiation. POC Jin Oh x7460
- B703 Airborne Science Lab Project – Stakeholders will be reviewing the requirements this week. POC Jin Oh x7460
- B4840 Chiller 1 Repair Project – Scheduled to go out for RFP this week. POC Dan Eason x2078
- B703 Hangar Aircraft Cooling Project – Routing package for review and signatures. Estimated completion date August 15, 2011. Andrew Boykin x2340
- B4801 Safety Modifications of Access Ladder, Catwalk, and Platforms – Final submittal documents were received and are under review. POC Vicki Gray x5116
- Repair Flightline Access Roads and Access Ramps, DAOF – Final Submittal documents from A/E received July 25, 2011. Waiting for construction funding. POC Vicki Gray x5116
- B4838 UPS battery replacement is scheduled for Wednesday August 10, 2011, after hours this week. POC Gemma Flores x2817
- B4800 Remodel Room 1718 for aircraft crew break room to be submitted this week. POC Kevin Andrews x7614
- B703 Last aircraft hangar portable electrical cart to be delivered this week. POC Mike Monahan x3772
- **Mail Management:**
 - Conducting a Suspicious Mail training session for all NASA employees with United States Postal Service (USPS). This training session will be performed at Dryden on Monday August 8, 2011 in the Large Mezzanine and at DAOF the last week of August. POC Teasha Smalling x3036
- **Property Inventory:**
 - FY11 Physical Inventory Update:
 - As of August 3, 2011 there are a total of 111 items unaccounted for with a cost of \$753,238
 - Reconciliation began on April 15, 2011 and the cut-off date that all missing equipment was to be located, or a Survey Report (NASA FORM 598) submitted to Property Management for processing was July 30, 2011. The locating of missing equipment is the “USER’S RESPONSIBILITY”. POC x2590 Jean Manning
- **Store Stock:**
 - Continued validation of Store Stock & Program Stock assets total of 466 completed as of August 8, 2011. POC Teasha Smalling x3036
- **Disposal:**
 - For a list of all Inactive Storage at DFRC please go to the XNet/MARS/ Center Folder, under Code F Logistics to view. (Updated as needed-when changes have occurred) POC Carol Orr x3877
- **Aircraft Parts:**
 - Reminder: All Aircraft Parts Requests must be submitted on a completed D-WK 396-7 form. Please be sure to include Aircraft Number and Project, and Application Code. POC Rick Solano x5548 or Jayna Cheatham x3883
 - Seven special requisitions:
 - Three Jettison Hooks in support of F-15/836

- Three Bearing, Test Adapters in support of Global Hawk
- One Support Assemble in support of F-18/846
- Repairable-turned in four assets in support of F-15/836
- Processed 4 requisitions for Aircraft on Ground (AOG's)
 - Three F-15/836
 - One F-15/897
- Processed 1 MICAP from Base Supply for SOFIA
- Supporting B-703 in the clean-up of items from the outside storage area (Bone Yard) and transporting them to DFRC for disposition. POC Teasha Smalling x3036

OFFSITE ACTIVITIES:

- John Torres is on travel to the GovEnergy Workshop in Cincinnati Ohio and will return August 12, 2011

PA/Aero Projects — Joe Piotrowski

Aeronautics Test Program (ATP)

Flight Operations and Test Infrastructure (FOTI)

- Subsonic Research Aircraft Testbed (SCRAT): OE design efforts continue. RI functional checkout IMS completed and RI system integration continues in the RI Lab. Procurement of instrumentation hardware progressing well; all key elements should be on hand by their need dates. Key power system design review will complete this week.
- F-15D TN 897: ATP and the Supersonics program have teamed to fund a basic instrumentation system installation. Procurements have begun. This will make the aircraft ready to replace F-18 TN 852 as a dual role support aircraft.

Fundamental Aeronautics Program (FAP)

Subsonics Fixed Wing (SFW)

- Lightweight Airframe and Propulsion Systems (LAPS): Working with Karen Taminger, LAPS Technical Lead (TL), on the DFRC tasks in LAPS for FY12.
- Multi-Utility Technology Testbed (MUTT): A MUTT Flight Test TIM was held at DFRC on Aug 4 in preparation of the Lockheed-directed MUTT flights to begin in early March.

Hypersonics

- Structurally Integrated Thermal Protection Systems (SITPS): The shear test design concept is nearly completed.
- Hypersonic Technology Vehicle-2 (HTV-2): The HTV-2 Flight 2 is scheduled for this week, Aug 10 – Aug 13. Integration of a new one-dimensional thermal model into the simulation continues. The team completed the independent assessment of the vehicle GNC and sent a preliminary 5-page report to the Air Force. The team is developing tools for the upcoming flight and is working through the data flow requirements. We completed placeholder networks for the additional proposed work as per direction received from the Tactical Management Board (TMB) and submitted these to the PSO.

Supersonics (SUP)

- General: FY12 discipline plans now beginning to be populated by the TLs. End of year closeout activities are also starting up.
- Background Oriented Schlieren (BOS): Discussions are ongoing regarding the potential classification of some of the BOS imagery. Dryden Security is helping with communications with the NAVY.
- Waveform & Sonicboom Perception & Response (WSPR): Current EAFB resident recruitment stands at 55 volunteers. At least 100 volunteers are needed by the end of August to meet statistical sampling requirements.
- Channel Center-body Inlet Experiment (CCIE): The team is planning test flights this week as soon as the aircraft's mechanical failure is fixed.
- X-54A Low Boom Experimental Vehicle (LBEV): The ejection seat conceptual design and qualification plan studies are ongoing.

Aviation Safety Program (AvSP)

Vehicle Systems and Safety Technologies (VSST)

- General: Work is continuing to assess the Task Plans for FY12 with relation to the new Technical Challenges.
- Vehicle Integrated Propulsion Research (VIPR): The new test window is during the second week of December.

System Safety Assurance Technologies (SSAT)

- General: Task Plans will be worked during August.
- Research, Test and Integration (RTI): Meetings are planned at LaRC this week to discuss research interests and develop options for collaboration with the Project Scientists, Technical Leads and other research personnel for inclusion within the RTI tool.

Integrated Systems Research Program (ISRP)

Environmentally Responsible Aviation (ERA)

- Discrete Roughness Element Laminar Flow Glove Experiment (DRE LFGE): The new glove Outer Mold Line drawings will be delivered from Texas A&M to Dryden this week.
- Adaptive Compliant Trailing Edge Flap (ACTE): The ACTE team continues to develop requirements in preparation for the Systems Requirements Review (SRR) – date TBD.
- X-48B: The new engine core is being integrated into flight hardware for the X-48B+ risk reduction flights scheduled for September. The team continues V&V testing of the updated software in preparation for the upcoming flight tests. Analysis of the control system position measurement data is underway.

Unmanned Aircraft Systems (UAS) Integration in the National Airspace System (NAS)

- Integrated Test and Evaluation (IT&E): IT&E continues to refine its resource loaded schedule and CCPM network of the tasks associated with the development of the Live Virtual Constructive (LVC) distributed simulation and flight test environment. The FAA furlough has affected our ability to coordinate elements of the LVC design with the FAA Tech Center.

Non-Aeronautics Test Program (N-ATP) Research Aircraft & Infrastructure

- F-15B TN 836: Team is troubleshooting the aircraft problems identified during the CCIE Combined Systems Test.

- F-18 TN 853: Aircraft has completed all 400 hr Phase Inspection items. Replacement of a fire sensor and bleed air switch in work.

AMD Upcoming Events:

- Aug10: MUTT briefing to SFW Leadership Team
- Aug 11: [UAS] Project Office review of IT&E task plans and reach agreement on Center commitments
- Aug 18: VIPR CDR

PE/Exploration Projects — John Carter

Flight Opportunities

- The Source Selection Statement for the acquisition Flight and Payload Integration Services For Suborbital Reusable Launch Vehicles was delivered to the OCT for signature.

CEV

- The Ascent Abort – 2 (AA-2) launch site decision package was briefed at the Crew Exploration Vehicle (CEV) Project Control Board (CPCB) on Aug 4. The decision by the Orion Project Manager was to move the AA-2 launch site from the White Sands Missile Range (WSMR) to the Cape Canaveral Air Force Station (CCAFS) Launch Complex – 46 (LC-46), although further details on the coordination process for the launch site decision are being worked.
- Work continues on the AA-2 Facilities Requirements Document (FRD) for the facility modifications to the LC-46 launch facility at CCAFS. The FRD will be used by Space Florida to plan the refurbishment and modifications of the LC-46 gantry and the Abort Test Booster (ATB) integration buildings. A Table Top Review (TTR) of the FRD will be held on Aug 11. Comments will be incorporated and the final version of the FRD will be submitted to Space Florida on Aug 15.
- Rev 002 of the Orion Flight Test – 1 (OFT-1) Development Flight Instrumentation (DFI) Master Measurement List (MML), Lockheed Martin document LM-ORN-0304, was released on Jul 27.
- Performed a ‘dry-run’/demo of the test setup for an OFT-1 DFI power supply module to be used for radiation testing at the Indiana University Cyclotron Facility from Aug 15 through Aug 17. Orion Project visitors from the Johnson Space Center (JSC) and the Kennedy Space Center (KSC) participated in the “dry run” test.
- A Critical Design Review (CDR) for the AA-2 Simulation Server located in the Dryden Data Analysis Facility (DAF) was held on Aug 4.

Supported Orion Vehicle Integration Team (OVIT) meetings; topics were:

- OFT-1 trajectory Baseline Update
- Supported OFT-1 Guidance, Navigation, and Control (GN&C) Special Product Team (SPT) meetings; topics were:
- GN&C testing in the Operations and Checkout (O&C) Building at KSC
- Test Like You Fly Forward Actions
- Forecast winds as backup to Global Positioning System (GPS) for touchdown heading control

THIS WEEK:

John Carter at training this week, he will return Aug 15.

Flight Opportunities

- Announcement of awards is expected on Tues for the acquisition Flight and Payload Integration Services For Suborbital Reusable Launch Vehicles. The announcement will come from HQ.

CEV

- An Ascent Abort – 2 (AA-2) Roles and Responsibilities meeting will be held at the Johnson Space Center (JSC) on Aug 10.
- A Table Top Review (TTR) of the AA-2 Facilities Requirements Document (FRD) for the facility modifications to the Launch Complex – 46 (LC-46) launch facility at the Cape Canaveral Air Force Station (CCAFS) will be held on Aug 11. The FRD will be used by Space Florida to plan the refurbishment and modifications of the LC-46 gantry and the Abort Test Booster (ATB) integration buildings. Comments will be incorporated and the final version of the FRD will be submitted to Space Florida on Aug 15.
- Leo Gross will be traveling to Indiana University on Aug 11 to receive and perform functionally checks on the Orion Flight Test – 1 (OFT-1) Development Flight Instrumentation (DFI) power supply module prior to radiation testing in the Indiana University Cyclotron Facility Aug 15-17.

UPCOMING EVENTS

Aug 10 AA-2 Roles and Responsibilities Meeting at JSC

Aug 15 AA-2 Facilities Requirements Document (FRD) Submitted to Space Florida for the CCAFS LC-46 Launch Facility

Aug 15-17 Radiation Testing of OFT-1 DFI Power Supply Module at the Indiana University Cyclotron Facility

Sep 19 Flight Opportunities Parabolic Flight-week at Ellington Field

Nov 17 OFT-1 PTR-3

PS/Science Projects — Bob Curry

MAJOR EVENTS:

Global Hawk

- KQ-X modifications to both aircraft are in progress

DC-8

- The Active Sensing of CO₂ Emissions over Nights, Days, and Seasons II (ASCENDS2) instruments flew three missions. The first was off the coast of California to assess instrument performance against the background of the marine cloud layer, the second mission was over Nevada's Railroad Valley Dry Lake, which is a calibration site for optical satellite instruments, the third was to British Columbia.

ER-2

- TN 809 – extended maintenance
- TN 806 – deployed at JSC

G-III (C-20) UAVSAR

- Successful completion of 4-day deployment imaging Volcanoes in the Cascades and Aleutian Islands

ON-SITE THIS WEEK

- DC-8: Continue ASCENDS flights, possible overnight deployment to Minneapolis-St. Paul, MN to fly over Midwest-based Atmospheric Radiation Measurement sites.

- ER-2: TN809 extended maintenance
- G-III (C-20) UAVSAR: Science mission over the San Joaquin Valley and possibly over Colorado
- Global Hawk: KQ-X modifications

OFF-SITE THIS WEEK

- ER-2: TN806 deployment to JSC has been extended by 6 days to increase possibility of meeting Science objectives, end date is now Aug. 20.

UPCOMING EVENTS:

DC-8:

- Sept 2: Completion of ASCENDS flights
- Sept 8-16: Three JPL Sweep Synthetic Aperture Radar (SweepSAR)

G-III (C-20) UAVSAR

- November 2: Soil Moisture local mission coordinated with ER-2

ER-2

- November 2: Soil Moisture local mission coordinated with G-III (C-20)
- Mid-January - Feb: Expected time frame for MR-TCDL flights, local flights only, no deployment

Global Hawk

- August 29-31: KQ-X FRR
- Aug 22: Delivery date for Mobile Operations Facility
- September: HS3 payload development flights (in EAFB range)
- September: GHMOF delivery
- October: ATTREX payload development flights (in EAFB range)
- Aug 2012: HS3 Wallops Flights

OS/Shuttle Operations – George Grimshaw

LAST WEEK:

- STS-135 Crew Debrief and Award Ceremony at JSC, August 3.
 - Ben Jones and Danny Medina of Lockheed Martine received the STS-135 Dryden Navigation Aids Team Award on behalf of the team.
- Prepped and shipped ground support equipment required to support orbiter delivery to museums for shipment to KSC.
- Visual Landing Systems and associated equipment removed from the runways and lakebeds.

THIS WEEK:

- Shuttle transition and retirement.
- Prep for Shuttle asset disposition.

NEXT WEEK:

- Shuttle transition and retirement.
- Prep for Shuttle asset disposition.

UPCOMING ACTIVITIES:

- Shuttle transition and retirement.
- Prep for Shuttle asset disposition.

X/SOFIA — Eddie Zavala

Last week:

- The initial avionics upgrade started on August 1, 2011 in preparation for the Germany deployment.
- Segment 3 Avionics Upgrade CDR was held on August 3, 2011.
- The SOFIA Offsite was hosted by Ames Research Center from August 2 – 5, 2011.
- The SMD Quarterly was held on August 4, 2011 at Ames Research Center.
- During the week at Ames, there were several visits to SOFIA by HQ: Administrator Charles Bolden, SMD Associate Administrator Ed Weiler, and SMD Astrophysics Deputy Director Geoff Yoder. All were extremely appreciative and provided very positive feedback and congratulations to the Platform Project and Science Project for successfully completing all science observations flights on schedule and beating all Early Science technical performance requirements.

This week:

- Aircraft and TA maintenance.

Future Events/Items of Interest:

- 8/12/11 - HIPO/FLITECAM Pre-Install Review
- 8/15/11 – Install HIPO and swap Focal Plane Imager for Super Fast Diagnostic Camera
- 8/16/11 – Install FLITECAM
- 8/18/11 – Start HIPO/FLITECAM Line Ops
- 8/23/11 – Tech Brief for Avionics Upgrade and HIPO/FLITECAM
- 8/26/11 – Aircraft cruise drag performance and avionics checkout flight
- 8/29/11 – SCAI Flight 3
- 8/31/11 – SCAI Flight 4, ORR for Germany Deployment
- 9/2/11 – Remove HIPO
- 9/6/11 – Install GREAT
- 9/8/11 – ORR for Germany Deployment
- 9/9/11 – Basic Science 2 Flight 8
- 9/15/11 – Germany Deployment begins

- 9/18 to 9/21/11 - SOFIA Aircraft at German Aerospace Day in Cologne and in Stuttgart
- 9/19 to 9/23/11 - Astronomische Gesellschaft (AG) Conference in Heidelberg, Germany
- 9/22 to 9/23/11 - SOFIA Aircraft Visit to Washington, D.C.
- 10/14 to 10/17/11 - SOFIA Aircraft Visit to Ames Research Center
- 10/21/11 – California Science Teachers Association (CSTA) tour of SOFIA at DAOF

Z/Program Planning Office — John Del Frate

TMB:

- Night Vision Lab Twin Otter @DAOF – T. Ginn

PMB:

- None

On-Site this week:

- 11 August 2011 Global Strategic Solutions – J. Del Frate

Off-Site this week:

- 8 August 2011 AFFTC Chase Support Meeting – J. Del Frate, M. Thomson

Upcoming:

- 16-19 August 2011 AUVSI Washington DC
- 17 August 2011 TEDxNASA@SiliconValley will be attended by 63 from Dryden. Live Stream open to everyone. Dryden will hold staff viewing locations at ISF, DAOF, and AEROi. In addition it can be viewed anywhere you can get an internet connection. Come to the TEDx Brown Bag tomorrow at 1100 in the ISF to see some past TEDx presentations and to have your questions answered.

Automatic Collision Avoidance Technology (ACAT)

Ikhana

This Week:

- The Project Office will support meetings at PMRF, COMPACFLT and PACOM this week to continue negotiations for Ikhana to support missions from PMRF.

Next Week:

- The Project Office will support the AUVSI conference in Washington DC the week of August 15.
- Meetings with USCG and NOAA are scheduled for August 16 in Washington DC to discuss possible collaboration on missions from PMRF.
- The Project Office will support an MQ-9 PMR in San Diego on August 17.

Upcoming:

- A Mini-Tech brief to provide management insight following the lost link incident will be scheduled at a time/date TBD in the future. No flights will be performed prior to this Mini-Tech brief.

Boeing Phantom Eye

This Week:

- System integration work continues on the Phantom Eye Aircraft

Upcoming:

- A Tech Brief to cover Phantom Eye Integrated Fueling/Defueling & Ground Runs Test is scheduled for August 25.

Small UAS

- No report.

B/Project Support Office – Rob Binkley

MAJOR EVENTS:

- Ongoing Project Networking Efforts on Science Mission Directorate Projects Underway
- Networking OFT-1 and GH UAVSAR

MEETINGS OFFSITE:

- PSO will be at the AERO Institute Monday and Tuesday

OTHER ITEMS OF INTEREST:

For Help with ConWeb Issues, Please Contact:

- x7766 or email us at: dfrc-project-support-office@mail.nasa.gov
- Concerto Web Site: <https://ccpm.ndc.nasa.gov>

R/Research Engineering — Brad Flick

THIS WEEK:

- Jennifer Cole (RA) is on leave Monday. Steve Cumming (RA) is Acting Branch Chief; he can be reached at x3732.
- Brian Taylor, John Burken, Joe Pahle, Curt Hanson, Chris Miller, Jake Schaefer, Peggy Hayes & Kelsey Moser attending the AIAA GNC/AFM conference in Portland, August 8-11.
- The Composites Workshop is going to be held Aug 11th at 8am (~4hrs). Meet in the ISF for brief overview & discussion, then most of the time will be spent in the Experimental Fab Bldg (4823) in the composite lab where a composite wing will be fabricated (swept, two spar wing). **Please RSVP so logistics can be planned. POC is Matt Moholt (x3259).**
- Syri Koelfgen is attending the APPEL – Understanding Project Scheduling at the AEROi today 8/8/2011.
- Nalin Ratnayake is presenting his paper, “Multi-Axis Identifiability Using Single-Surface Parameter Estimation Maneuvers on the X-48B”, at the AIAA AFM/GNC Conference this week in Portland, OR.
- Mike Venti and Dave Berger are at LaRC Monday and Tuesday this week for RTI and VIPR VSST/AEST collaboration building. They will return to DFRC on Wednesday for an all-day VIPR CDR dry-run/slide review.

Exit Presentations:

Tue	1pm	Sm Mezz	Michelle Wen
Tue	2pm	4840/113A	Kaitlyn Fiechtner ‘Freeing Space for NASA: Incorporating a Lossless Compression Program into NASA’s FOSS System’
Wed	10am	Sm Mezz	David Klassman ‘Fiber Optic Strain Sensors (FOSS)’

Wed	1:15pm	4840/Lakebed	Steven Queen	'Sitting in the Pilot's Seat; Optimizing Human-Systems Interfaces for Unmanned Aerial Vehicles'
Wed	2:15pm	4840/113A	Tyler Schmalz	'Analysis of Compression Algorithm in Ground Collision Avoidance Systems'
Thu	10:15am	4840/113A	Devin Boyle	'AHRS Attitude'
Thu	2pm	Sm Mezz	Teressa Specht	'SOFIA'

M/Mission Information & Test Systems Directorate — Sean McMorrow

MAJOR EVENTS:

This Week:

- Continue procurement for SOFIA Telescope Assembly HILS hardware (large purchases by Aug 5th deadline)
- FLL – All items are in-work
 - SOFIA
 - Ultra fine TC air Probe welding – 27 Thermocouple probe sensor installation
 - TA Surface TC installation, 22 TC on the Telescope Assembly
- SIM Tech Lab
- SUAV/Auto GCAS – Droid Power Distribution wiring

WEDNESDAY NIGHT OUTAGE – (Wednesday nights after 5pm is the normal weekly outage for system maintenance) This week the following systems will be updated:

- a. General Compute Servers (CS3, CS4)
- b. FDAS-IN
- c. Public FTP Server
- d. Xnet
- e.

WEEKEND OUTAGE- VoIP will be completing a Call Manager upgrade on Saturday, August 13th from 8am-5pm. This will cause intermittent outages for phones and 911 services throughout the day as phones re-register with the upgraded system. DFRC, AEROi and DAOF phones will be affected during the outage window.

MISSIONS SCHEDULED:

- Air Force Flight- X-47
- BWB Ground Tests – X-48
- Channel Center-body Inlet Experiment (CCIE) Flight – F-15
- WATR – SMO Survey – No A/C Type

MEETINGS OFFSITE:

- Bart Rusnak attending Global Hawk Ku-antenna inspection in Salt Lake City, Utah on August 10th.

VISITORS ONSITE:

- LaRC is on-site this week to conduct an assessment of the RAIF Simulation systems. The LaRC team will be on site August 8th thru August 12th

OTHER ITEMS OF INTEREST:

- Brad Butler transferred to Code MC last week. He will be performing Test Information Engineer duties.
- The “I: Drive” group folders were successfully migrated to their new location on the DFVMFS01 file server. 1.56 TB of data, consisting of over 2.2 million files and nearly 140 thousand folders were migrated. There were some folder permission issues that prevented the migration from being 100% smooth, but we appreciate everyone’s patience as we worked through these.
- There will be a Town Hall meeting at the DAOF to discuss the latest status of I3P the Agency Consolidated End-user Services (ACES) contract Wednesday, Aug. 24, 2011 from 1:00 – 2:30 pm in the DAOF conference room S211. Join us for ACES and dessert! This same discussion was held for DFRC/AEROi employees on July 13.

TIP OF THE WEEK:

- During the End User services transition over the next few months, HPES will install any software back onto your new machine for which you have a valid license. Please begin finding copies of your software and licenses keys. Examples include CDS, DVDS, and Downloaded License Keys from emails. If you do not have a valid piece of software HP cannot do the install during time of transition.

O/Flight Operations — David Wright

THIS WEEK

- DC-8 817 ASCENDS, Sun.
- C-20 502 UAVSAR, Wed. & B/U Thu.
- ER-2 806 AVIRIS/MASTERS Sun, Tue. - Fri.
- F-15 836 CCI/F-18 chase Wed. & Thu.

OFFSITE ACTIVITIES:

- F-18 846/F-15 897 X-C Klamath Falls for F-15 sim, Mon.
- KA 7 X-C to March AFB, C-17 sim, Tue.
- T-34 865 X-C Lemoore, F-18 sim, Tue.

X/Management Systems Office — Keith Williams

LAST WEEK

- Supported the NASA Safety Center and Agency Office of Internal Controls & Management Systems review of management system compliance requirements.
- Worked on the replacement application (ODIE) for the Dryden Document Library
- Continued the Aircraft Purchasing Office (APO) internal audit planning.
- Followed up on NQA findings corrective action plans.

THIS WEEK

- New online document library called the Online Dryden Information Exchange (ODIE) is now in production at the following URL: <https://odie.ndc.nasa.gov/Pages/ODIE-Home.aspx> (still working out some of the bugs)
- Continue working with document POCs and process owners to develop meaningful metrics
- Continue APO internal audit.
- Continue working the NQA audit findings. It is very important that they be closed by August 26th. We have 4 not implemented; 1 XM, 2 XP, 1 Code O

- Quarterly SOFIA internal audit is being postponed until later this month. Exact date yet TBD.

- Continue rewrite of the Dryden Management System Manual

AGENCY DIRECTIVES STATUS

The directives that are included in the July review period which begins Tuesday, July 26:

- NPR 9680.1A, NASA's Management of Grants and Cooperative Agreements

- NPR 8910.1C, Care and Use of Animals

Comments will be due to Cheryl Agin by August 26, 2011

C/Office of Chief Financial Officer — Val Zellmer

Description

Cutoff Date

Cutoff Dates for Bankcard Transactions

Credit Cards Closed for Purchases Using Expired Funds

September 6, 2011

Credit Cards Closed for CAS Funds

September 6, 2011

Entries in Bankcard Order Logs (Outside Procurement)

September 27, 2011

Cutoff Dates to Submit Documentation to NSSC

Training Forms (SF182) Unexpiring funds

September 13, 2011

Expiring funds

September 13, 2011

Training Receipts

September 19, 2011

Cutoff Dates to Submit Documentation to Code A

(In order to complete the procurement by fiscal year end, a complete PR package must be Received by the indicated date.)

Funding Actions

September 28, 2011

Grants and Cooperative Agreements

August 3, 2011

Purchase Orders (<25K)

September 9, 2011

Purchase Orders (>25K to \$150K)

August 5, 2011

GSA SEWP(GWAC Orders)

August 5, 2011

MIPRS(Interagency Agreements)

August 31, 2011

FY11 Option Exercises (for services on or after Oct 1, 2011)

September 16, 2011

New Task Orders on existing single award IDIQ contracts

August 12, 2011

Non-Competitive Awards reserved for 8(a) Small Business

Augusts 12, 2011

New Work Contract Mods (\$100K to \$1M)

July 15, 2011

New Competitive Procurements (\$100K to \$1M)

July 15, 2011

New Work Contract Mods (\$1 M to \$10 M)

Contact PO or DPO

New Competitive Procurements (\$1M to \$10M)

Contact PO or DPO

Cutoff Dates to Submit Documentation to NASA DFRC

Vendor Invoices to guarantee payment

September 23, 2011 (COB)

Cutoff Dates to Submit Documentation to CF

Approved Invoices

September 23, 2011 (COB)

Approved Travel Vouchers with hardcopy of receipts

September 14, 2011 (COB)

(NSSC will not make payments the last four days of the month)

Pre-Travel Questionnaires

No deadline

PCS Vouchers to NSSC with receipts and approvals

September 2, 2011

(NSSC will not make payments the last four days of the month)

Foreign Vouchers to DCTO with receipts and approvals

September 16, 2011 (COB)

Extended TDY Vouchers to DCTO with receipts and approvals (COB)	September 14, 2011
Type II Adjustments for Labor (WBS Changes Only)	September 21, 2011
Awards entered and processed through NAS	August 19, 2011
<u>Cutoff Dates to Submit Documentation to Code CR-CBO</u>	
Reimbursable order Packet	September 23, 2011*
Reimbursable Fund Adjustments	September 23, 2011*
FY11 Funds Cutoff for Labor	PPE August 19, 2011
<u>Closure of Systems</u>	
SAP	September 30, 2011 10:00pm PT
NAMIS	September 27, 2011 7:00pm PT
IAM/Capital Assets	September 30, 2011 8:30pm PT

TRAVEL

- JP Morgan Chase travel cards will be expiring soon
 - New cards will arrive 2 to 3 weeks prior to expiration date
 - Will be mailed to address in JPMC system, if you are concerned about what address you have in the system questions should be directed to Chris Johnson X3605 or Tiffany Scott X7415
 - Please activate the card when you receive it
 - *Fedtraveler profiles will need to be updated with the new card information (Exp Date)*
 - Contact Tiffany Scott or Chris Johnson if you need help updating your profile
- FedTraveler.com now offers Approvers the convenience of approving travel documents using a mobile device.

In order to access the Mobile Approvals web site you must:

1. Be a member of an Agency that allows its users to access the mobile site.
2. Be a FedTraveler.com user with Approval authority.
3. Have previously registered with the FedTraveler.com main site.

² *Accessing the Mobile Approvals Web Site*

To access the Mobil Approvals web site:

- Launch your mobile web browser and navigate to m.fedtraveler.com.
- On the Approver Login screen, enter your Member ID and PIN and select the Log in button.
If you forget your PIN, enter your Member ID and select the Forgot Your PIN? option and enter the required information on the Refresh Your PIN screen.

- On the Official Notice screen, select the Agree button.

The site authenticates your credentials and accesses your Approval Desktop.

You can also access the Support Center and About This Site screens by selecting these options on the Approver Login screen.

WEBTADS

- Blackberry and iPhone users can download the WebTADS App for mobile use
- User can fill out timecards and approvers can approve timecards with their phone
- WebTADS Mobile
- Using your mobile device navigate to the NEACC AppStore @
<https://appstore.neacc.nasa.gov>, download the latest NEACC Provisioning Profile, and then download the latest WebTADS Mobile application.

H/Human Resource Management, and Dev Office — Patsy Smith

Vacancies: <http://xnet.dfrc.nasa.gov/Organizations/HumanResources/vacancies.html>

SPACE – Training for supervisors on the automated performance evaluation process is Tuesday, August 9, and Wednesday, August 10. All supervisors have been notified of the times. If you have not responded with your choice of a session please do so today.

It is time for the Feds Feed Families Food Drive... POC - Aaron Rumsey x 3312

The food bank we are donating to is the **Grace Resource Center** in Lancaster. These folks do a LOT of good for a LOT of people!! Let's pull together and represent NASA and especially Dryden. Not only does this food drive help a lot of families in the AV, but there is a friendly competition between the Centers to see who can raise the most food donations (per capita). So even though we are a small center, we can represent in a BIG way!!!! There will be donation barrels set up at the entrances of buildings 4800, 4840, 4838 and the DAOF. Here is a list of suggested foods to donate: <http://www.fedsfeedfamilies.gov/mostwantedlist.pdf>

- Thanks to everyone who has donated so far (*let's keep it up*). **Please check the expiration date on the donated items.**
- For the month of July, we donated 1111 pounds of food (**KEEP UP THE GREAT WORK!!**) We have until August 31, 2011 to close out a great year. Let's finish with a BANG !!!!!

K/Education Office — Russ Cloughton

Last Week's Major Events

- August 4, 2011 - Cecilia Cordova, Informal Education Manager, interns Elina Cruz and Cynthia Wong, along with Dryden PAO staff, greeted 272 visitors to the Aerospace Exploration Gallery at the AERO Institute and 179 visitors to "Bubble Mania" project during the City of Palmdale's "Thursday Night on the Square" event. Twelve Dryden Pre-Service Teacher Institute workshop participants provided their support to this event.

This Week's Major Events

- August 8 – 12, 2011 – The Dryden Pre-Service Teacher Institute (PSTI). Amy Scott-Williams, Higher Education Lead and MUREP Education Specialist, will host 12 pre-service teachers at the AERO Institute for the last week of the PSTI workshop on how to create and use NASA-related curricula for K-8th graders.
- August 11, 2011 - Cecilia Cordova, Informal Education Manager, and the NASA Dryden PAO staff will welcome visitor's to the Aerospace Exploration Gallery at the AERO Institute to celebrate the City of Palmdale's 100th "Thursday Night on the Square" event.
- August 12, 2011 – Russ Cloughton, NASA Dryden Director of Education, will attend the Student Rocketry Launch at Amargosa Middle School, Lancaster, CA. Over 100 students will be launching rockets! Immediately following the launch, parents and the community are invited to a STEM exhibit where the public can view student projects for the week.

T/Public Affairs and Commercialization — Kevin Rohrer, Acting

Last Week

* Media products produced, issued or posted

- Photo feature 11-46, NASA Education at Thursday Night on the Square, to Web, 7/29, posted 8/1
 - SOFIA mission page teaser 11-16, SOFIA infrared demonstration-Becklin, to Web 8/1
 - Video & script 11-08 TWAN, for *This Week@NASA*, German teachers fly on SOFIA, 8/1
 - Video & lead-in text for Web, German teachers fly on SOFIA, posted to VMIX & gallery, 8/2
 - News release 11-23, Katie Kirk honored with SFA award, issued to local media, 8/2
 - Status report 11-22, G-III UAVSAR Alaskan volcano imaging mission, posted 8/3
 - Photo feature 11-49, NASA's two 747 SCAs information flight, posted 8/3
 - Photos ED11-0237-XX, (7), SCA formation flight, posted 8/4
 - Status update 1-23, WSPR sonic boom study recruitment, posted 8/4
 - Re-wrote Dryden section of Edwards AFB base guide, to EAFB PAO, 8/4
 - Video with lead-in text, SCA Formation Flight video, posted on VMIX and on Dryden's YouTube account
 - Photo release, Employee Exchange Council scholarship winner
 - * Social Media products
 - Facebook stats
 - 1,612 monthly active users
 - 2,047 people like this
 - 77 wall posts or comments this week
 - 235 visits this week
 - Facebook posts
 - Today in Dryden's History - August 1, 1973, NASA research pilot John Manke climbed into the X-24B lifting body cockpit for his first flight
 - See the new NASA Dryden Flight Research Center YouTube video, "Can You Touch Your Dream?"
 - STEMming the Tide at Thursday Night on the Square events
 - Video - Two German educators were the first to represent their country as SOFIA Airborne Astronomy Ambassadors
 - NASA Dryden's Katie Kirk Receives Space Flight Awareness Award
 - NASA Dryden Education At Thursday Night on the Square
 - NASA's G-III Returns to Alaska for Radar Imaging Mission
 - NASA's 747 SCAs--Birds of a Feather Flock Together
 - The SCA formation flight photo feature is now posted to the "Behind the Scenes" Shuttle mission page at <http://go.nasa.gov/q8e3ri>
 - Edwards AFB Residents Needed for Sonic Boom Study
 - X-15 Interactive Feature
 - Seven photos of the SCA formation flight are now live on the Dryden photo gallery
 - Twitter stats
 - 499 tweets
 - 15,880 Followers
- This Week
- * 8/8 - 12, Leslie Williams is attending a Flight Opportunities Program communication planning meeting at Headquarters and will assist with the Future Forum focusing on innovative technology organized by OCT
 - * 8/8, Developing exhibit for Lt. Col. Cleaves retirement taking place at the DAOF. Contact:

Steve Lighthill x3940

* 8/9, Supporting Boeing's Phantom Eye project hosting Dark Light Pictures, a PR firm doing a multimedia shoot on-site during the dusk/sunset timeframe on the evening of Aug. 9, and possible a dawn shoot Aug. 10

* 8/13, JetHawks Aerospace Bobble Head Night featuring Fred Haise. Contact: Mary Ann Harness x3446

* 8/20 - 21, Mary Ann Harness, Kimberlee Buter and Sarah Merlin will be staffing the agency air show exhibit at the Kansas City Air Show. Contact: Mary Ann Harness x3446

*Pending media products

- Feature, Channeled Centerbody Inlet Experiment (ARMD-GC)
- Feature story, Dryden's Contributions to the space shuttle, F-104 TPS flight tests
- Possible HQ news release on Flight Opportunities contracts
- Photo feature, AREES teachers tour of DAOF
- Video segment for *This Week@NASA*, Web and YouTube, SCA formation flight
- Possible video segment for *This Week@NASA*, AREES teachers tour of DAOF

Tours

* 8/8 Pre-Service Teacher Institute 18

* 8/12 AF Public Tour 50

Items of Interest

* *This Week@NASA* on NASA TV – Each week, NASA Television airs *This Week@NASA*, a compilation of brief video stories about what is happening around the agency. NASA Dryden contributes regularly to the program, with new programs premiering each Friday. If you have suggestions or ideas for future items related to Dryden activities, please contact the Dryden Public Affairs at ext. 3449

* This Week@Dryden

- 8/9, Brown Bag lunch event will be held in the ISF auditorium at 11 a.m. to familiarize Dryden staff with the Aug. 17 TEDx NASA event to be held in Silicon Valley. Dryden, Ames, Glenn and Langley aeronautics centers will co-sponsor the Aug. 17 event, which will run from 2 to 8 p.m. At the Brown Bag lunches, Ryan Stillwater will provide details and viewing options about the Aug. 17 event. The Brown Bag will be broadcast on Channel 23 of the internal Dryden TV network and through EZTV Channel 8 on your computer

* This Week@Dryden

- Based on the overwhelming success of and participation with the NASA@Work pilot program, NASA is pleased to announce the official agencywide re-launch of the NASA@Work collaborative program. NASA@Work is an internal collaboration platform that connects the collective knowledge of individual experts from all areas within the NASA organization via a private web-based environment supported by InnoCentive. The platform provides a venue for Challenge Owners, those looking for solutions or new ideas, to pose challenges to internal Solvers, those within NASA with the skill and desire to create enlightened solutions. The Solvers who deliver the best innovative ideas can win awards and will be recognized for their contributions at the 2012 NASA Project Management (PM) Challenge. Please see <http://www.nasa.gov/offices/oct/home/nasa@work.html> for more details

X/Employee Assistance Program — Kathy Christian

Dryden: Staffing daily, stop by for homemade snacks **on minimal Fridays.**

DAOF: Staffing at the DAOF **Thursdays 9-6 in room N211.** For an appointment or consultation please call Monique Pierre-Louis at x2034. Stop by for homemade snacks.

Organizational News: ***Make-up for Drug Free Workplace Training for Supervisors is scheduled for Aug 17th from 11-12pm, Dryden: large mezzanine, DAOF: Rm S342, AERO: TBD***

Tip of the week: Exercise Keeps Your Memory Sharp

A growing body of research shows that you can slow the progression of memory loss and dementia by engaging in regular light exercise. If you are looking for a tad more motivation to walk at work or exercise during your lunch break, here it is:

A study published in the *Journal of Sports Science and Medicine* found that those who engaged in moderate exercise five times a week for 30 minutes had enhanced memory compared to those who didn't exercise as much. If you can't get out and walk, strength training may be just as effective. Another study published this month in *Neurobiology of Aging* found that women who lifted weights twice a week for 12 months performed significantly better on mental processing tests than a control group. Exercise may turn out to be as close as we can come to the long-sought fountain of youth, and unless you have a medical condition which prohibits it, exercise, particularly walking, has lasting, positive effects on the body *and* the mind!!!

EAP staff and Ella go for a 30-minute walk at Dryden every Tuesday- Friday at 8 o'clock sharp- leaving from the front of Building 4800. "I have too much work to do" is neither a rational nor logical reason not to join us, as this 30 minute jaunt will cause you to accomplish more work at a higher level of effectiveness due to your enhanced mood and brain function. Show some leadership (or, at least good sense)!! Wear a hat and a pair of comfortable shoes. Bring people you care about and let's get walking!